

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.												
Segment ID: 1601		Water body name: <u>Lavaca River Tidal</u>										
Water body type: Tidal Stream							Water body size: 23.0		Miles			
		<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen grab minimum												
Dissolved Oxygen Grab	1601_01	Upper 12.5 miles of segment	11	11	0		AD	FS	FS			No
	1601_02	Middle 3.5 miles of segment	102	102	0		AD	FS	FS			No
	1601_03	Lower 7.0 miles of segment	5	5	0		LD	NC	NC			No
Dissolved Oxygen grab screening level												
Dissolved Oxygen Grab	1601_01	Upper 12.5 miles of segment	11	11	0		AD	NC	NC			No
	1601_02	Middle 3.5 miles of segment	102	102	0		AD	NC	NC			No
	1601_03	Lower 7.0 miles of segment	5	5	0		LD	NC	NC			No
General Use												
High pH												
pH	1601_01	Upper 12.5 miles of segment	11	11	0		AD	FS	FS			No
	1601_02	Middle 3.5 miles of segment	102	102	0		AD	FS	FS			No
	1601_03	Lower 7.0 miles of segment	5	5	0		LD	NC	NC			No
Low pH												
pH	1601_01	Upper 12.5 miles of segment	11	11	0		AD	FS	FS			No
	1601_02	Middle 3.5 miles of segment	102	102	0		AD	FS	FS			No
	1601_03	Lower 7.0 miles of segment	5	5	0		LD	NC	NC			No
Nutrient Screening Levels												
Ammonia	1601_01	Upper 12.5 miles of segment	1	1	0		ID	NA	NA			No
Nitrate	1601_01	Upper 12.5 miles of segment	1	1	0		ID	NA	NA			No
Orthophosphorus	1601_01	Upper 12.5 miles of segment	1	1	0		ID	NA	NA			No
Total Phosphorus	1601_01	Upper 12.5 miles of segment	1	1	0		ID	NA	NA			No
Water Temperature												
Temperature	1601_01	Upper 12.5 miles of segment	11	11	0		AD	FS	FS			No
	1601_02	Middle 3.5 miles of segment	102	102	0		AD	FS	FS			No
	1601_03	Lower 7.0 miles of segment	5	5	0		LD	NC	NC			No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 1601A Water body name: Catfish Bayou (unclassified water body)
Water body type: Tidal Stream Water body size: 1.8 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1601A_01	Entire bayou	51	51	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1601A_01	Entire bayou	51	51	0	AD	NC	NC		No
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General Use

High pH

pH	1601A_01	Entire bayou	51	51	0	AD	FS	FS		No
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Low pH

pH	1601A_01	Entire bayou	51	51	0	AD	FS	FS		No
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Water Temperature

Temperature	1601A_01	Entire bayou	51	51	0	AD	FS	FS		No
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Recreation Use

Bacteria Geomean

Enterococcus	1601A_01	Entire bayou	0	0		ID	NA	NA		No
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Fecal coliform	1601A_01	Entire bayou	0	0		ID	NA	NA		No
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Bacteria Single Sample

Enterococcus	1601A_01	Entire bayou	0	0		ID	NA	NA		No
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Fecal coliform	1601A_01	Entire bayou	0	0		ID	NA	NA		No
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Segment ID: 1601B Water body name: Redfish Bayou (unclassified water body)
Water body type: Tidal Stream Water body size: 1.2 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab1601B_01Entire bayou50500ADFSFSNo

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab1601B_01Entire bayou50500ADNCNCNo

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Segment ID: 1602 Water body name: Lavaca River Above Tidal
Water body type: Freshwater Stream Water body size: 94.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1602_01	Upper 29 miles of segment				ID	NA	NS	5b	Yes
	1602_02	Middle 34 miles of segment between SH111 and US90	41	41	0	AD	FS	FS		No
	1602_03	Lower 31 miles of segment	44	44	0	AD	FS	FS		No

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1602_02	Middle 34 miles of segment between SH111 and US90	41	41	0	AD	NC	NC		No
	1602_03	Lower 31 miles of segment	44	44	0	AD	NC	NC		No

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Segment ID: 1602 **Water body name:** Lavaca River Above Tidal

Water body type: Freshwater Stream

Water body size: 94.0 Miles

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use											
Dissolved Solids											
Chloride	1602_02	Middle 34 miles of segment between SH111 and US90	15	15		50.0	AD	FS	FS		No
	1602_03	Lower 31 miles of segment	19	19		45.0	AD	FS	FS		No
Sulfate	1602_02	Middle 34 miles of segment between SH111 and US90	13	13	0	87.0	AD	FS	FS		No
	1602_03	Lower 31 miles of segment	17	17		12.0	AD	FS	FS		No
Total Dissolved Solids	1602_02	Middle 34 miles of segment between SH111 and US90	0	0	0		ID	NA	NA		No
	1602_03	Lower 31 miles of segment	0	0			ID	NA	NA		No
High pH											
pH	1602_02	Middle 34 miles of segment between SH111 and US90	41	41	0		AD	FS	FS		No
	1602_03	Lower 31 miles of segment	44	44	0		AD	FS	FS		No
Low pH											
pH	1602_02	Middle 34 miles of segment between SH111 and US90	41	41	0		AD	FS	FS		No
	1602_03	Lower 31 miles of segment	44	44	0		AD	FS	FS		No

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Segment ID: 1602 **Water body name:** Lavaca River Above Tidal

Water body type: Freshwater Stream

Water body size: 94.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

Nutrient Screening Levels

Ammonia	1602_02	Middle 34 miles of segment between SH111 and US90	15	15	0	AD	NC	NC		No
	1602_03	Lower 31 miles of segment	16	16	0	AD	NC	NC		No
Chlorophyll-a	1602_02	Middle 34 miles of segment between SH111 and US90	0	0	0	ID	NA	NA		No
	1602_03	Lower 31 miles of segment	0	0	0	ID	NA	NA		No
Nitrate	1602_02	Middle 34 miles of segment between SH111 and US90	15	15	0	AD	NC	NC		No
	1602_03	Lower 31 miles of segment	19	19	0	AD	NC	NC		No
Orthophosphorus	1602_02	Middle 34 miles of segment between SH111 and US90	9	9	0	AD	NC	NC		No
	1602_03	Lower 31 miles of segment	13	13	0	AD	NC	NC		No
Total Phosphorus	1602_02	Middle 34 miles of segment between SH111 and US90	15	15	0	AD	NC	NC		No
	1602_03	Lower 31 miles of segment	17	17	0	AD	NC	NC		No
Water Temperature										
Temperature	1602_02	Middle 34 miles of segment between SH111 and US90	40	40	0	AD	FS	FS		No
	1602_03	Lower 31 miles of segment	57	57	0	AD	FS	FS		No

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Segment ID: 1602 **Water body name:** Lavaca River Above Tidal

Water body type: Freshwater Stream

Water body size: 94.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

Finished Drinking Water Dissolved Solids average

Chloride	1602_02	Middle 34 miles of segment between SH111 and US90				OE	NC	NC		No
	1602_03	Lower 31 miles of segment				OE	NC	NC		No
Multiple Constituents	1602_01	Upper 29 miles of segment				OE	NC	NC		No
Sulfate	1602_02	Middle 34 miles of segment between SH111 and US90				OE	NC	NC		No
	1602_03	Lower 31 miles of segment				OE	NC	NC		No
Total Dissolved Solids	1602_02	Middle 34 miles of segment between SH111 and US90				OE	NC	NC		No
	1602_03	Lower 31 miles of segment				OE	NC	NC		No

Finished Drinking Water MCLs and Toxic Substances running av

Multiple Constituents	1602_01	Upper 29 miles of segment				OE	FS	FS		No
	1602_02	Middle 34 miles of segment between SH111 and US90				OE	FS	FS		No
	1602_03	Lower 31 miles of segment				OE	FS	FS		No

Finished Drinking Water MCLs Concern

Multiple Constituents	1602_01	Upper 29 miles of segment				OE	NC	NC		No
	1602_02	Middle 34 miles of segment between SH111 and US90				OE	NC	NC		No
	1602_03	Lower 31 miles of segment				OE	NC	NC		No

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Segment ID: 1602 Water body name: Lavaca River Above Tidal
Water body type: Freshwater Stream Water body size: 94.0 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Public Water Supply Use

Surface Water Dissolved Solids average

Chloride	1602_01	Upper 29 miles of segment	35	35	48.0	AD	NC	NC	No
	1602_02	Middle 34 miles of segment between SH111 and US90	35	35	48.0	AD	NC	NC	No
	1602_03	Lower 31 miles of segment	35	35	48.0	AD	NC	NC	No
Sulfate	1602_01	Upper 29 miles of segment	32	32	44.0	AD	NC	NC	No
	1602_02	Middle 34 miles of segment between SH111 and US90	32	32	44.0	AD	NC	NC	No
	1602_03	Lower 31 miles of segment	32	32	44.0	AD	NC	NC	No
Total Dissolved Solids	1602_01	Upper 29 miles of segment	114	114	419.0	AD	NC	NC	No
	1602_02	Middle 34 miles of segment between SH111 and US90	114	114	419.0	AD	NC	NC	No
	1602_03	Lower 31 miles of segment	114	114	419.0	AD	NC	NC	No

Recreation Use

Bacteria Geomean

E. coli	1602_02	Middle 34 miles of segment between SH111 and US90	15	15	126.0	AD	FS	FS	No
	1602_03	Lower 31 miles of segment	15	15	126.0	AD	FS	FS	No

Bacteria Single Sample

E. coli	1602_02	Middle 34 miles of segment between SH111 and US90	15	15	0	AD	FS	FS	No
	1602_03	Lower 31 miles of segment	15	15	2	AD	FS	FS	No

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Segment ID: 1603 Water body name: Navidad River Tidal
Water body type: Tidal Stream Water body size: 9.0 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1603_01	Entire segment	70	70	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1603_01	Entire segment	70	70	0	AD	NC	NC		No
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General Use

High pH

pH	1603_01	Entire segment	70	70	0	AD	FS	FS		No
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Low pH

pH	1603_01	Entire segment	70	70	0	AD	FS	FS		No
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Nutrient Screening Levels

Ammonia	1603_01	Entire segment	17	17	0	AD	NC	NC		No
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Chlorophyll-a	1603_01	Entire segment	0	0		ID	NA	NA		No
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Nitrate	1603_01	Entire segment	21	21	0	AD	NC	NC		No
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Orthophosphorus	1603_01	Entire segment	15	15	0	AD	NC	NC		No
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Total Phosphorus	1603_01	Entire segment	18	18	0	AD	NC	NC		No
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Water Temperature

Temperature	1603_01	Entire segment	70	70	0	AD	FS	FS		No
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Segment ID: 1604 **Water body name:** Lake Texana

Water body type: Reservoir

Water body size: 11,000.0 Acres

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use											
Acute Toxic Substances in water											
Multiple Constituents	1604_05	Downstream portion of Lake Texana	19	19			AD	FS	FS		No
Chronic Toxic Substances in water											
Multiple Constituents	1604_05	Downstream portion of Lake Texana	19	19			AD	FS	FS		No
Dissolved Oxygen 24hr average											
Dissolved Oxygen 24hr	1604_01	Navidad River arm of Lake Texana	11	11	1		AD	FS	FS		No
Dissolved Oxygen 24hr minimum											
Dissolved Oxygen 24hr	1604_01	Navidad River arm of Lake Texana	11	11	0		AD	FS	FS		No
Dissolved Oxygen grab minimum											
Dissolved Oxygen Grab	1604_01	Navidad River arm of Lake Texana	63	63	0		AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	71	71	0		AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	76	76	0		AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	137	137	0		AD	FS	FS		No
Dissolved Oxygen grab screening level											
Dissolved Oxygen Grab	1604_01	Navidad River arm of Lake Texana	63	63	5		AD	NC	NC		No
	1604_02	East Mustang Creek arm of Lake Texana	71	71	5		AD	NC	NC		No
	1604_03	Upstream middle portion of Lake Texana	76	76	0		AD	NC	NC		No
	1604_04	Downstream middle portion of Lake Texana	68	68	0		AD	NC	NC		No
	1604_05	Downstream portion of Lake Texana	137	137	5		AD	NC	NC		No
Fish Consumption Use											
HH Bioaccumulative Toxics in water											
DDE	1604_01	Navidad River arm of Lake Texana	13	13	0	0.0	AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	13	13	0	0.0	AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	7	7		0.0	LD	NC	NC		No
Multiple Constituents	1604_05	Downstream portion of Lake Texana	15	15			AD	FS	FS		No

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Segment ID: 1604 **Water body name:** Lake Texana

Water body type: Reservoir

Water body size: 11,000.0 Acres

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use											
Dissolved Solids											
Chloride	1604_01	Navidad River arm of Lake Texana	134	134		21.0	AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	134	134		21.0	AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	134	134		21.0	AD	FS	FS		No
	1604_04	Downstream middle portion of Lake Texana	134	134		21.0	AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	134	134		21.0	AD	FS	FS		No
Sulfate	1604_01	Navidad River arm of Lake Texana	119	119		6.0	AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	119	119		6.0	AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	119	119		6.0	AD	FS	FS		No
	1604_04	Downstream middle portion of Lake Texana	119	119		6.0	AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	119	119		6.0	AD	FS	FS		No
Total Dissolved Solids	1604_01	Navidad River arm of Lake Texana	52	52		90.0	AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	52	52		90.0	AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	52	52		90.0	AD	FS	FS		No
	1604_04	Downstream middle portion of Lake Texana	52	52		90.0	AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	52	52		90.0	AD	FS	FS		No
High pH											
pH	1604_01	Navidad River arm of Lake Texana	63	63	0		AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	63	63	0		AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	76	76	0		AD	FS	FS		No
	1604_04	Downstream middle portion of Lake Texana	68	68	0		AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	137	137	0		AD	FS	FS		No
Low pH											
pH	1604_01	Navidad River arm of Lake Texana	63	63	0		AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	63	63	0		AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	76	76	0		AD	FS	FS		No
	1604_04	Downstream middle portion of Lake Texana	68	68	0		AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	137	137	0		AD	FS	FS		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1604 **Water body name:** Lake Texana

Water body type: Reservoir

Water body size: 11,000.0 Acres

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use											
Nutrient Screening Levels											
Ammonia	1604_01	Navidad River arm of Lake Texana	18	18	1		AD	NC	NC		No
	1604_02	East Mustang Creek arm of Lake Texana	22	20	4		AD	NC	NC		No
	1604_03	Upstream middle portion of Lake Texana	17	17	0		AD	NC	NC		No
	1604_04	Downstream middle portion of Lake Texana	16	16	1		AD	NC	NC		No
	1604_05	Downstream portion of Lake Texana	35	35	0		AD	NC	NC		No
Chlorophyll-a	1604_01	Navidad River arm of Lake Texana	3	3			TR	NA	NA		No
	1604_02	East Mustang Creek arm of Lake Texana	3	0			TR	NC	NC		No
	1604_03	Upstream middle portion of Lake Texana	3	0			TR	NA	NA		No
	1604_04	Downstream middle portion of Lake Texana	3	0			ID	NA	NA		No
	1604_05	Downstream portion of Lake Texana	6	6	0		TR	NA	NA		No
Nitrate	1604_01	Navidad River arm of Lake Texana	20	20	6		AD	CS	CS		No
	1604_02	East Mustang Creek arm of Lake Texana	22	20	13		AD	CS	CS		No
	1604_03	Upstream middle portion of Lake Texana	22	20	12		AD	CS	CS		No
	1604_04	Downstream middle portion of Lake Texana	21	21	8		AD	CS	CS		No
	1604_05	Downstream portion of Lake Texana	43	43	19		AD	CS	CS		No
Orthophosphorus	1604_01	Navidad River arm of Lake Texana	15	15	13		AD	CS	CS		No
	1604_02	East Mustang Creek arm of Lake Texana	16	14	14		AD	CS	CS		No
	1604_03	Upstream middle portion of Lake Texana	15	15	15		AD	CS	CS		No
	1604_04	Downstream middle portion of Lake Texana	16	14	13		AD	CS	CS		No
	1604_05	Downstream portion of Lake Texana	30	30	28		AD	CS	CS		No
Total Phosphorus	1604_01	Navidad River arm of Lake Texana	18	18	16		AD	CS	CS		No
	1604_02	East Mustang Creek arm of Lake Texana	21	19	18		AD	CS	CS		No
	1604_03	Upstream middle portion of Lake Texana	18	18	15		AD	CS	CS		No
	1604_04	Downstream middle portion of Lake Texana	17	17	11		AD	CS	CS		No
	1604_05	Downstream portion of Lake Texana	36	36	26		AD	CS	CS		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 1604 Water body name: Lake Texana
Water body type: Reservoir Water body size: 11,000.0 Acres

AU ID	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Samples</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2006</u> <u>Supp</u>	<u>Integ</u> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

Water Temperature

Temperature	1604_01	Navidad River arm of Lake Texana	63	63	0	AD	FS	FS		No
	1604_02	East Mustang Creek arm of Lake Texana	71	71	0	AD	FS	FS		No
	1604_03	Upstream middle portion of Lake Texana	76	76	0	AD	FS	FS		No
	1604_04	Downstream middle portion of Lake Texana	68	68	0	AD	FS	FS		No
	1604_05	Downstream portion of Lake Texana	137	137	0	AD	FS	FS		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1604 **Water body name:** Lake Texana

Water body type: Reservoir

Water body size: 11,000.0 Acres

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

Finished Drinking Water Dissolved Solids average

Chloride	1604_01	Navidad River arm of Lake Texana	OE	NC	NC	No
	1604_02	East Mustang Creek arm of Lake Texana	OE	NC	NC	No
	1604_03	Upstream middle portion of Lake Texana	OE	NC	NC	No
	1604_04	Downstream middle portion of Lake Texana	OE	NC	NC	No
	1604_05	Downstream portion of Lake Texana	OE	NC	NC	No
Sulfate	1604_01	Navidad River arm of Lake Texana	OE	NC	NC	No
	1604_02	East Mustang Creek arm of Lake Texana	OE	NC	NC	No
	1604_03	Upstream middle portion of Lake Texana	OE	NC	NC	No
	1604_04	Downstream middle portion of Lake Texana	OE	NC	NC	No
	1604_05	Downstream portion of Lake Texana	OE	NC	NC	No
Total Dissolved Solids	1604_01	Navidad River arm of Lake Texana	OE	NC	NC	No
	1604_02	East Mustang Creek arm of Lake Texana	OE	NC	NC	No
	1604_03	Upstream middle portion of Lake Texana	OE	NC	NC	No
	1604_04	Downstream middle portion of Lake Texana	OE	NC	NC	No
	1604_05	Downstream portion of Lake Texana	OE	NC	NC	No

Finished Drinking Water MCLs and Toxic Substances running av

Multiple Constituents	1604_01	Navidad River arm of Lake Texana	OE	FS	FS	No
	1604_02	East Mustang Creek arm of Lake Texana	OE	FS	FS	No
	1604_03	Upstream middle portion of Lake Texana	OE	FS	FS	No
	1604_04	Downstream middle portion of Lake Texana	OE	FS	FS	No
	1604_05	Downstream portion of Lake Texana	OE	FS	FS	No

Finished Drinking Water MCLs Concern

Multiple Constituents	1604_01	Navidad River arm of Lake Texana	OE	NC	NC	No
	1604_02	East Mustang Creek arm of Lake Texana	OE	NC	NC	No
	1604_03	Upstream middle portion of Lake Texana	OE	NC	NC	No
	1604_04	Downstream middle portion of Lake Texana	OE	NC	NC	No
	1604_05	Downstream portion of Lake Texana	OE	NC	NC	No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1604 **Water body name:** Lake Texana

Water body type: Reservoir

Water body size: 11,000.0 Acres

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Public Water Supply Use											
Surface Water Dissolved Solids average											
Chloride	1604_01	Navidad River arm of Lake Texana	134	134		21.0	AD	NC	NC		No
	1604_02	East Mustang Creek arm of Lake Texana	134	134		21.0	AD	NC	NC		No
	1604_03	Upstream middle portion of Lake Texana	134	134		21.0	AD	NC	NC		No
	1604_04	Downstream middle portion of Lake Texana	134	134		21.0	AD	NC	NC		No
	1604_05	Downstream portion of Lake Texana	134	134		21.0	AD	NC	NC		No
Sulfate	1604_01	Navidad River arm of Lake Texana	119	119		6.0	AD	NC	NC		No
	1604_02	East Mustang Creek arm of Lake Texana	119	119		6.0	AD	NC	NC		No
	1604_03	Upstream middle portion of Lake Texana	119	119		6.0	AD	NC	NC		No
	1604_04	Downstream middle portion of Lake Texana	119	119		6.0	AD	NC	NC		No
	1604_05	Downstream portion of Lake Texana	119	119		6.0	AD	NC	NC		No
Total Dissolved Solids	1604_01	Navidad River arm of Lake Texana	52	52		138.0	AD	NC	NC		No
	1604_02	East Mustang Creek arm of Lake Texana	407	407		138.0	AD	NC	NC		No
	1604_03	Upstream middle portion of Lake Texana	52	52		90.0	AD	NC	NC		No
	1604_04	Downstream middle portion of Lake Texana	52	52		90.0	AD	NC	NC		No
	1604_05	Downstream portion of Lake Texana	52	52		90.0	AD	NC	NC		No
Recreation Use											
Bacteria Geomean											
E. coli	1604_01	Navidad River arm of Lake Texana	7	7		13.0	TR	NA	NA		No
	1604_02	East Mustang Creek arm of Lake Texana	7	7		4.0	TR	NA	NA		No
	1604_03	Upstream middle portion of Lake Texana	7	7		3.0	TR	NA	NA		No
	1604_04	Downstream middle portion of Lake Texana	7	7		2.0	TR	NA	NA		No
	1604_05	Downstream portion of Lake Texana	0	0		0.0	ID	NA	NA		No
Bacteria Single Sample											
E. coli	1604_01	Navidad River arm of Lake Texana	7	7	0		TR	NA	NA		No
	1604_02	East Mustang Creek arm of Lake Texana	7	7	0		TR	NA	NA		No
	1604_03	Upstream middle portion of Lake Texana	7	7	0		TR	NA	NA		No
	1604_04	Downstream middle portion of Lake Texana	7	7	0		TR	NA	NA		No
	1604_05	Downstream portion of Lake Texana	0	0	0		ID	NA	NA		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 1604A Water body name: East Mustang Creek (unclassified water body)
Water body type: Freshwater Stream Water body size: 16.0 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1604A_01	Entire water body	50	50	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1604A_01	Entire water body	50	50	0	AD	NC	NC		No
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Fish Consumption Use

HH Bioaccumulative Toxics in water

DDE	1604A_01	Entire water body	7	7		LD	NC	NC		No
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General Use

Nutrient Screening Levels

Ammonia	1604A_01	Entire water body	18	18	0	AD	NC	NC		No
Nitrate	1604A_01	Entire water body	18	18	0	AD	NC	NC		No
Orthophosphorus	1604A_01	Entire water body	12	12	1	AD	NC	NC		No
Total Phosphorus	1604A_01	Entire water body	17	17	5	AD	NC	NC		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 1604B Water body name: West Mustang Creek (unclassified water body)
Water body type: Freshwater Stream Water body size: 33.0 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1604B_01	Entire water body	58	58	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1604B_01	Entire water body	58	58	4	AD	NC	NC		No
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Fish Consumption Use

HH Bioaccumulative Toxics in water

DDE	1604B_01	Entire water body	7	7	0.0	LD	NC	NC		No
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General Use

Nutrient Screening Levels

Ammonia	1604B_01	Entire water body	18	18	2	AD	NC	NC		No
Chlorophyll-a	1604B_01	Entire water body	0	0	0	ID	NA	NA		No
Nitrate	1604B_01	Entire water body	20	20	0	AD	NC	NC		No
Orthophosphorus	1604B_01	Entire water body	15	15	0	AD	NC	NC		No
Total Phosphorus	1604B_01	Entire water body	18	18	2	AD	NC	NC		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 1604C Water body name: Sandy Creek (unclassified water body)
Water body type: Freshwater Stream Water body size: 37.0 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1604C_01	Upper 15 miles	50	50	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1604C_01	Upper 15 miles	50	50	0	AD	NC	NC		No
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General Use

Nutrient Screening Levels

Ammonia	1604C_01	Upper 15 miles	17	17	0	AD	NC	NC		No
Chlorophyll-a	1604C_01	Upper 15 miles	0	0	0	ID	NA	NA		No
Nitrate	1604C_01	Upper 15 miles	19	19	0	AD	NC	NC		No
Orthophosphorus	1604C_01	Upper 15 miles	18	18	14	AD	NC	NC		No
Total Phosphorus	1604C_01	Upper 15 miles	18	18	0	AD	NC	NC		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 1605 Water body name: Navidad River Above Lake Texana
Water body type: Freshwater Stream Water body size: 62.0 Miles

AU ID	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Samples</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2006</u> <u>Supp</u>	<u>Integ</u> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1605_02	Middle 16.5 miles of segment	14	13	0	AD	FS	FS		No
	1605_03	Lower 31 miles of segment	51	51	0	AD	FS	FS		No

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1605_02	Middle 16.5 miles of segment	14	13	0	AD	NC	NC		No
	1605_03	Lower 31 miles of segment	51	51	0	AD	NC	NC		No

Fish Consumption Use

HH Bioaccumulative Toxics in water

DDE	1605_03	Lower 31 miles of segment	8	8	0.0	LD	NC	NC		No
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2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1605 **Water body name:** Navidad River Above Lake Texana

Water body type: Freshwater Stream

Water body size: 62.0 Miles

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use											
Dissolved Solids											
Chloride	1605_02	Middle 16.5 miles of segment	14	13		109.0	JQ	FS	FS		No
	1605_03	Lower 31 miles of segment	19	19		47.0	AD	FS	FS		No
Sulfate	1605_02	Middle 16.5 miles of segment	14	13		14.0	AD	FS	FS		No
	1605_03	Lower 31 miles of segment	17	17		9.0	AD	FS	FS		No
Total Dissolved Solids	1605_01	Upper 14.5 miles of segment	12	12		514.0	AD	FS	FS		No
	1605_02	Middle 16.5 miles of segment	14	13		454.0	AD	FS	FS		No
	1605_03	Lower 31 miles of segment	44	44		379.0	AD	FS	FS		No
High pH											
pH	1605_02	Middle 16.5 miles of segment	14	13	0		AD	FS	FS		No
	1605_03	Lower 31 miles of segment	51	51	0		AD	FS	FS		No
Low pH											
pH	1605_02	Middle 16.5 miles of segment	14	13	0		AD	FS	FS		No
	1605_03	Lower 31 miles of segment	51	51	0		AD	FS	FS		No
Nutrient Screening Levels											
Ammonia	1605_02	Middle 16.5 miles of segment	14	13	0		AD	NC	NC		No
	1605_03	Lower 31 miles of segment	16	16	0		AD	NC	NC		No
Chlorophyll-a	1605_02	Middle 16.5 miles of segment	0	0	0		ID	NA	NA		No
Nitrate	1605_02	Middle 16.5 miles of segment	14	13	0		AD	NC	NC		No
	1605_03	Lower 31 miles of segment	19	19	0		AD	NC	NC		No
Orthophosphorus	1605_02	Middle 16.5 miles of segment	8	8	0		LD	NC	NC		No
	1605_03	Lower 31 miles of segment	14	14	0		AD	NC	NC		No
Total Phosphorus	1605_02	Middle 16.5 miles of segment	14	13	0		AD	NC	NC		No
	1605_03	Lower 31 miles of segment	17	17	0		AD	NC	NC		No
Water Temperature											
Temperature	1605_01	Upper 14.5 miles of segment	12	12	0		AD	FS	FS		No
	1605_02	Middle 16.5 miles of segment	14	13	0		AD	FS	FS		No
	1605_03	Lower 31 miles of segment	50	50	0		AD	FS	FS		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting;
 NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1605 **Water body name:** Navidad River Above Lake Texana

Water body type: Freshwater Stream

Water body size: 62.0 Miles

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Public Water Supply Use											
Finished Drinking Water Dissolved Solids average											
Chloride	1605_01	Upper 14.5 miles of segment					OE	NC	NC		No
	1605_02	Middle 16.5 miles of segment					OE	NC	NC		No
	1605_03	Lower 31 miles of segment					OE	NC	NC		No
Sulfate	1605_01	Upper 14.5 miles of segment					OE	NC	NC		No
	1605_02	Middle 16.5 miles of segment					OE	NC	NC		No
	1605_03	Lower 31 miles of segment					OE	NC	NC		No
Total Dissolved Solids	1605_01	Upper 14.5 miles of segment					OE	NC	NC		No
	1605_02	Middle 16.5 miles of segment					OE	NC	NC		No
	1605_03	Lower 31 miles of segment					OE	NC	NC		No
Finished Drinking Water MCLs and Toxic Substances running av											
Multiple Constituents	1605_01	Upper 14.5 miles of segment					OE	FS	FS		No
	1605_02	Middle 16.5 miles of segment					OE	FS	FS		No
	1605_03	Lower 31 miles of segment					OE	FS	FS		No
Finished Drinking Water MCLs Concern											
Multiple Constituents	1605_01	Upper 14.5 miles of segment					OE	NC	NC		No
	1605_02	Middle 16.5 miles of segment					OE	NC	NC		No
	1605_03	Lower 31 miles of segment					OE	NC	NC		No
Surface Water Dissolved Solids average											
Chloride	1605_01	Upper 14.5 miles of segment	32	32		72.0	AD	NC	NC		No
	1605_02	Middle 16.5 miles of segment	32	32		72.0	AD	NC	NC		No
	1605_03	Lower 31 miles of segment	32	32		72.0	AD	NC	NC		No
Sulfate	1605_01	Upper 14.5 miles of segment	30	30		11.0	AD	NC	NC		No
	1605_02	Middle 16.5 miles of segment	30	30		11.0	AD	NC	NC		No
	1605_03	Lower 31 miles of segment	30	30		11.0	AD	NC	NC		No
Total Dissolved Solids	1605_01	Upper 14.5 miles of segment	77	77		421.0	AD	NC	NC		No
	1605_02	Middle 16.5 miles of segment	77	77		421.0	AD	NC	NC		No
	1605_03	Lower 31 miles of segment	77	77		421.0	AD	NC	NC		No